



# NUP62 rabbit pAb

Cat No.:ES9942

For research use only

## Overview

<b>Product Name</b>	NUP62 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 300-380
<b>Specificity</b>	NUP62 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C . Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Nuclear pore glycoprotein p62 (62 kDa nucleoporin) (Nucleoporin Nup62)
<b>Gene Name</b>	NUP62
<b>Cellular localization</b>	Nucleus, nuclear pore complex . Cytoplasm, cytoskeleton, spindle pole . Nucleus envelope . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Central region of the nuclear pore, within the transporter (PubMed:1915414). During mitotic cell division, it associates with the poles of the mitotic spindle (PubMed:24107630) .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	57kD
<b>Human Gene ID</b>	23636
<b>Human Swiss-Prot Number</b>	P37198
<b>Alternative Names</b>	
<b>Background</b>	The nuclear pore complex is a massive structure that extends across the nuclear envelope, forming a





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gateway that regulates the flow of macromolecules between the nucleus and the cytoplasm. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. The protein encoded by this gene is a member of the FG-repeat containing nucleoporins and is localized to the nuclear pore central plug. This protein associates with the importin alpha/beta complex which is involved in the import of proteins containing nuclear localization signals. Multiple transcript variants of this gene encode a single protein isoform. [provided by RefSeq, Jul 2008],



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